

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query                                                                                 | DBs                                                | Default Operator | Plurals | Time Stamp       |
|-------|------|----------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|---------|------------------|
| L1    | 1436 | (virtual near2 (circuit \$1 or connection\$1)) with (VLAN or VPN)                            | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2010/01/16 22:56 |
| L2    | 88   | L1 and (map\$4 or associat\$3 near2 (address or VPI or VCI)) same (ATM)                      | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | OR               | ON      | 2010/01/16 22:56 |
| L3    | 4    | L2 and (emulat\$3 near2 circuit)                                                             | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | OR               | ON      | 2010/01/16 22:57 |
| L4    | 2    | L2 and (circuit near2 (bundle or trunk or aggregat\$3))                                      | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | OR               | ON      | 2010/01/16 22:59 |
| L5    | 8    | L1 and (circuit near2 (bundle or trunk or aggregat\$3))                                      | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | OR               | ON      | 2010/01/16 22:59 |
| L6    | 818  | (mesh trunk or bundle or aggregat\$3 near2 (circuit or connection)) same(ATM or VLAN or VPN) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2010/01/16 23:01 |
| L7    | 156  | L6 and (map\$4 or associat\$3 near2 (address or VPI or VCI)) same (ATM)                      | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | OR               | ON      | 2010/01/16 23:01 |
| L8    | 21   | L7 and (emulat\$3 near2 circuit)                                                             | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | OR               | ON      | 2010/01/16 23:01 |

|     |      |                    |                                                                |     |    |                     |
|-----|------|--------------------|----------------------------------------------------------------|-----|----|---------------------|
| S4  | 657  | (370/395.2).ccls.  | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2007/05/31<br>08:54 |
| S6  | 166  | (370/395.51).cols. | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2007/05/31<br>16:36 |
| S7  | 476  | (370/395.52).cols. | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2007/05/31<br>16:43 |
| S8  | 1246 | (370/395.1).ccls.  | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2007/06/04<br>09:42 |
| S18 | 65   | (370/908).ccls.    | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2007/05/31<br>17:07 |
| S19 | 48   | (370/905).ccls.    | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2007/05/31<br>17:07 |
| S24 | 314  | (370/395.53).cols. | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2007/05/31<br>17:17 |
| S34 | 5894 | (370/401).ccls.    | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2007/06/04<br>10:38 |
| S46 | 4508 | (370/389).ccls.    | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2007/06/05<br>13:33 |
| S47 | 275  | (370/395.54)       | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/10<br>21:08 |

|      |      |                                                                                         |                                                                |     |    |                     |
|------|------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|-----|----|---------------------|
| S50  | 25   | (configur\$3 near2 VPLS)                                                                | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/10<br>21:23 |
| S161 | 132  | (370/395.54).cols.                                                                      | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/15<br>11:50 |
| S195 | 3    | "20030142674"                                                                           | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/06<br>16:22 |
| S196 | 2    | "20030152075"                                                                           | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/06/06<br>16:25 |
| S214 | 505  | ((JOHN) near2 (FISHER)).INV.                                                            | US_PGPUB;<br>USPAT                                             | ADJ | ON | 2008/12/08<br>13:03 |
| S215 | 6    | ((SHAY) near2 (NAHUM)).INV.                                                             | US_PGPUB;<br>USPAT                                             | ADJ | ON | 2008/12/08<br>13:03 |
| S216 | 24   | ((CARL) near2 (RAJSIC)).INV.                                                            | US_PGPUB;<br>USPAT                                             | ADJ | ON | 2008/12/08<br>13:05 |
| S217 | 44   | (370/238.1).ccls.                                                                       | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2008/12/08<br>13:29 |
| S218 | 1032 | (370/238).ccls.                                                                         | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2008/12/08<br>13:37 |
| S219 | 1    | S218 and (select\$3) with (PE or provide near2 (device or circuit or switch or router)) | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2008/12/08<br>13:39 |
| S220 | 855  | (370/395.2).ccls.                                                                       | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2008/12/08<br>13:45 |

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|------|-----|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----|----|---------------------|
| S221 | 860 | (370/395.21).cols.                                                                                                                        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/08<br>13:46 |
| S222 | 365 | (370/395.3).cols.                                                                                                                         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/08<br>13:46 |
| S223 | 9   | S221 and S222                                                                                                                             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/08<br>13:46 |
| S224 | 0   | S222 and (VLAN or<br>VPN or PE) near2<br>(provider near2 (device<br>or switch or router))<br>with (ID or identifier or<br>identification) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/08<br>13:53 |
| S225 | 27  | (VLAN or VPN or PE)<br>near2 (provider near2<br>(device or switch or<br>router))with (ID or<br>identifier or<br>identification)           | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/08<br>13:53 |
| S229 | 566 | (VPN or VLAN or VPLS)<br>same(ATM near2<br>network)                                                                                       | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/08<br>14:17 |
| S230 | 43  | S229 and (establish\$3<br>or connect\$3) with (PE<br>or (provider near2<br>(device or switch or<br>circuit or router)))                   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/08<br>14:19 |
| S231 | 431 | (370/395.53).cols.                                                                                                                        | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/08<br>14:32 |
| S232 | 3   | S231 and (VLAN or<br>VPN or PE) near2<br>(provider near2 (device<br>or switch or router))<br>with (ID or identifier or<br>identification) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/12/08<br>14:32 |

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|------|-----|------------------------------------------------------------------------------------------------|----------------------------------------------------|-----|----|------------------|
| S233 | 26  | S231 and(VPN or VLAN or VPLS) same(ATM near2 network)                                          | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2008/12/08 14:34 |
| S234 | 7   | (VPN)same (ATM) same (VC or (virtual near2 circuit))same (VPN near2 (id or ID or identifier))  | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 10:33 |
| S235 | 4   | (VPN)same (VPN near2 (id or ID or identifier)) with (ATM) same (VC or (virtual near2 circuit)) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 10:48 |
| S236 | 7   | (VPN)same (VPN near2 (id or ID or identifier)) same (ATM) same (VC or (virtual near2 circuit)) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 10:48 |
| S238 | 4   | (VPN)same (VPN near2 (id or ID or identifier)) with (ATM) same (VC or (virtual near2 circuit)) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 11:29 |
| S239 | 6   | (VPN)same (VPN near2 (id or ID or identifier)) with (ATM) same (VC or (virtual near2 circuit)) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 11:29 |
| S240 | 9   | (VPN)same (ATM) same (VC or (virtual near2 circuit))same (VPN near2 (id or ID or identifier))  | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/10 11:33 |
| S241 | 6   | ((SHAY) near2 (NAHUM)).INV.                                                                    | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/16 17:06 |
| S242 | 27  | ((CARL) near2 (RAJSI C)).INV.                                                                  | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/16 17:06 |
| S243 | 514 | ((JOHN) near2 (FISHER)).INV.                                                                   | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/16 17:06 |
| S244 | 0   | S243 and (VLAN or VPN) same (ATM near2 network)                                                | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/16 17:11 |
| S245 | 1   | S243 and (VLAN or VPN) same (ATM)                                                              | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/16 17:11 |
| S246 | 1   | S243 and (VLAN or VPN)                                                                         | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/16 17:11 |

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|------|------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----|----|------------------|
| S247 | 540  | (VLAN or VPN) same (ATM near2 network)                                                                                | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/16 17:11 |
| S248 | 17   | S247 and (ATM near3 (address or (virtual near2 (path or circuit))))with (VPN or VLAN near2 (tag or Id or identifier)) | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/16 17:13 |
| S249 | 16   | (emulat\$3 near2 (VLAN or VPN) same (ATM))                                                                            | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/19 17:06 |
| S250 | 2184 | (VLAN or VPN) same (ATM)                                                                                              | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/19 17:13 |
| S251 | 11   | S250 and (mesh near2 circuit)                                                                                         | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/19 17:14 |
| S252 | 132  | S250 and (customer or provider) with (edge near2 devices)                                                             | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/19 17:16 |
| S253 | 109  | S250 and (establih\$3 or (set\$4 near2 up)) same (virtual near2 circuits)                                             | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/19 17:36 |
| S254 | 3    | (mesh) near3(virtual near2 circuits) same (ATM near2 address)                                                         | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 13:35 |
| S255 | 1    | (mesh) near3(virtual near2 circuits)with (ATM near2 address)                                                          | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 13:37 |
| S256 | 6    | (mesh) near3(virtual near2 circuits)with (VPN or VLAN)                                                                | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 13:38 |

|      |    |                                                                                           |                                                    |     |    |                  |
|------|----|-------------------------------------------------------------------------------------------|----------------------------------------------------|-----|----|------------------|
| S257 | 18 | (mesh) same(virtual near2 circuits) same (VPN or VLAN)                                    | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 13:38 |
| S258 | 1  | S257 and (ATM near2 address)                                                              | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 13:39 |
| S262 | 1  | (mesh) with(virtual near2 (circuits or connections))with(ATM near2 address)               | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 15:18 |
| S263 | 56 | (mesh) with(virtual near2 (circuits or connections)) same (ATM)                           | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 15:19 |
| S264 | 11 | S263 and (VPN or VPLS or VLAN near2 (tag or Id or identifier))                            | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 15:19 |
| S265 | 1  | "7539176"                                                                                 | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/21 15:47 |
| S266 | 1  | "6934249".pn.                                                                             | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/21 15:50 |
| S267 | 1  | "7539176".pn.                                                                             | US_PGPUB; USPAT                                    | ADJ | ON | 2009/10/21 15:52 |
| S268 | 2  | "7539176".pn.                                                                             | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 15:53 |
| S269 | 10 | (mesh) with(virtual near2 (circuits or connections)) same (ATM)with (VLAN or VPN or VPLS) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 16:07 |
| S270 | 14 | (mesh) with(virtual near2 (circuits or connections)) same (VLAN or VPN or VPLS)           | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 16:08 |

|      |      |                                                                                       |                                                                |     |    |                     |
|------|------|---------------------------------------------------------------------------------------|----------------------------------------------------------------|-----|----|---------------------|
| S271 | 38   | (mesh)same(virtual<br>near2 (circuits or<br>connections)same<br>(VPLS or VLAN or VPN) | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/21<br>16:12 |
| S272 | 922  | (370/395.2).ccls.                                                                     | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>16:19 |
| S273 | 410  | (370/395.3).ccls.                                                                     | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>16:20 |
| S274 | 8580 | (370/401).ccls.                                                                       | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>16:20 |
| S275 | 958  | (370/395.21).ccls.                                                                    | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>16:21 |
| S276 | 1502 | (370/395.1).ccls.                                                                     | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>16:21 |
| S277 | 127  | S274 and S276                                                                         | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>16:21 |
| S278 | 10   | S277 and(VLAN or VPN)<br>same (ATM)                                                   | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/21<br>16:21 |
| S279 | 31   | S272 and S275                                                                         | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>16:35 |
| S280 | 2193 | (VLAN or VPN)same<br>(ATM)                                                            | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>16:52 |

|      |     |                                                                                    |                                                    |     |    |                  |
|------|-----|------------------------------------------------------------------------------------|----------------------------------------------------|-----|----|------------------|
| S281 | 109 | S280 and (establish\$3 or (set\$4 near2 up)) same (virtual near2 circuits)         | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 16:52 |
| S282 | 20  | S281 and (provider near2 (device or switches or router or gateway))                | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 16:52 |
| S283 | 9   | (mesh) with(virtual near2 (circuits or connections))with (ATM near2 network)       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 17:42 |
| S284 | 4   | (mesh near3(virtual near2 (circuits or connections)))with (ATM near2 network)      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 17:43 |
| S285 | 2   | (establish\$3) with (mesh near2 (circuits or connections))with (ATM near2 network) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 17:44 |
| S286 | 6   | (establish\$3) same (mesh near2 (circuits or connections))same (ATM near2 network) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 17:45 |
| S287 | 40  | (mesh) same (virtual near2(circuit or connection))same (ATM near2 network)         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 17:46 |
| S288 | 4   | S287 and (VPN or VPLS or VLAN near2 (tag or Id or identifier))                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 17:47 |
| S289 | 503 | (370/395.53).cols.                                                                 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 18:04 |
| S290 | 503 | (370/395.53).cols.                                                                 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 22:34 |

|      |    |                                                                                                       |                                                    |     |    |                  |
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| S291 | 26 | S290 and(virtual near4 Private\$1 near4 LAN near servic\$2)                                           | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 22:34 |
| S292 | 0  | S290 and(mesh) near3 (virtual near2 circuits) same(ATM near2 address)                                 | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 22:40 |
| S293 | 5  | S290 and(virtual near2 circuits) same(ATM near2 address)                                              | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 22:40 |
| S294 | 2  | S290 and(mesh) same (virtual near2(circuit or connection)) same (ATM near2 network)                   | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 22:41 |
| S295 | 20 | S290 and (establih\$3 or (set\$4 near2 up)) same (virtual near2 circuits)                             | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 22:41 |
| S296 | 7  | S290 and(mesh) with (virtual near2(circuit or connection))                                            | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/21 22:54 |
| S297 | 4  | S290 and (associat\$3) same (VLAN or VPN near2 (Id or tag))with (ATM near2 (addresses))               | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 23:04 |
| S298 | 7  | (associat\$3) same (VLAN or VPN near2 (Id or tag))with (ATM near2 (addresses))                        | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 23:05 |
| S299 | 12 | (associat\$3) same (VLAN or VPN near2 (Id or tag))same (ATM near2 (addresses))                        | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 23:05 |
| S300 | 0  | (VLAN or VPN near2 (Id or tag))same (ATM near2 (addresses)) same (mesh same (virtual near2 circuits)) | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/21 23:07 |

|      |      |                                                                                                                    |                                                                |     |    |                     |
|------|------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----|----|---------------------|
| S301 | 0    | (VLAN or VPN near2<br>(Id or tag))same (ATM<br>near2 (addresses))<br>same (mesh near3<br>(virtual near2 circuits)) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>23:07 |
| S302 | 0    | (VLAN or VPN near2<br>(Id or tag))same (ATM<br>near2 (addresses))<br>same (virtual near2<br>(circuit))near3 (mesh) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>23:09 |
| S303 | 0    | (VLAN or VPN near2<br>(Id or tag))same (ATM<br>near2 (addresses))<br>same (virtual near2<br>(circuit))same(mesh)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>23:09 |
| S304 | 32   | (VLAN or VPN near2<br>(Id or tag))same (ATM<br>near2 (addresses))                                                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>23:09 |
| S305 | 1    | S304 and (virtual<br>near2 (circuit))same<br>(mesh)                                                                | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>23:09 |
| S306 | 3    | S304 and (mesh near2<br>(circuit or connection))                                                                   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/21<br>23:10 |
| S307 | 32   | (VLAN or VPN near2<br>(Id or tag))same (ATM<br>near2 (addresses))                                                  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/22<br>08:37 |
| S308 | 3    | S307 and (mesh near2<br>(circuit or connection))                                                                   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/22<br>08:37 |
| S309 | 2517 | ((set\$4 near2 up)or<br>establish\$3 near3<br>(mesh)) same (virtual<br>near2(circuit or<br>connection))            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/22<br>09:07 |
| S310 | 5    | S309 and (VLAN or<br>VPN near2 (Id or tag))<br>same (ATM near2<br>(addresses))                                     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/22<br>09:07 |

|      |     |                                                                       |                                                    |     |    |                  |
|------|-----|-----------------------------------------------------------------------|----------------------------------------------------|-----|----|------------------|
| S311 | 141 | S309 and (VLAN or VPN near2 (Id or tag))                              | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/22 09:08 |
| S312 | 23  | S311 and (ATM near2 address)                                          | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/22 09:09 |
| S313 | 11  | ("6804247" or "6816483" or "7280472" or "6789121" or "7221675").pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/10/22 09:47 |
| S314 | 7   | (mesh near2 (circuits or connections))with (ATM near2 network)        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/10/22 10:10 |
| S315 | 58  | (mesh near2 (circuit or connection))same (ATM or VLAN or VPN)         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/10/22 10:11 |
| S316 | 1   | 11/062065                                                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 11:38 |
| S317 | 2   | "370".clas. and (emulat \$3 near2 (VPN or VLAN))same (over near2 ATM) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 12:19 |
| S318 | 9   | "370".clas. and (emulat \$3 near2 (VPN or VLAN))same(ATM)             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 12:19 |
| S319 | 95  | "370".clas. and (emulat \$3) same(VPN or VLAN) same(ATM)              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 12:23 |
| S320 | 3   | S319 and (mesh near2 circuit)                                         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 12:24 |

|      |      |                                                                           |                                                    |     |    |                  |
|------|------|---------------------------------------------------------------------------|----------------------------------------------------|-----|----|------------------|
| S321 | 1363 | (virtual near2 (circuit \$1 or connection\$1)) with (VLAN or VPN)         | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 15:03 |
| S322 | 10   | S321 and (VLAN or VPN near2 (Id or tag)) same (ATM near2 (addresses))     | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/22 15:05 |
| S323 | 442  | S321 and (VLAN or VPN near2 (Id or tag))                                  | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/22 15:08 |
| S324 | 315  | S323 and (map\$4 or associat\$3 near2 (address or VPI or VCI))            | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/22 15:09 |
| S325 | 63   | S323 and (map\$4 or associat\$3 near2 (address or VPI or VCI)) same (ATM) | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | ADJ | ON | 2009/10/22 15:09 |
| S326 | 0    | (mesh) same (virtual near2 circuit) same (VLAN or VPN) same (emulation)   | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 18:15 |
| S327 | 197  | (VLAN or VPN) same (emulation)                                            | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 18:15 |
| S328 | 1    | S327 and (mesh) same (virtual near2 circuit)                              | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 18:16 |
| S329 | 1    | S327 and (mesh) with (virtual near2 circuit)                              | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 18:16 |
| S330 | 52   | S327 and (virtual near2 circuit)                                          | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR  | ON | 2009/10/22 18:16 |

|      |     |                                                                                             |                                                                |     |    |                     |
|------|-----|---------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----|----|---------------------|
| S331 | 11  | S330 and (mesh)                                                                             | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/22<br>18:16 |
| S332 | 504 | (370/395.53).cols.                                                                          | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/22<br>21:46 |
| S333 | 1   | "370".clas. and (emulat\$3) near2 (VLAN or VPN)with (virtual near2 (conect\$4 or circuits)) | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/23<br>11:05 |
| S334 | 1   | (emulat\$3) near2 (VLAN or VPN)with (virtual near2 (conect\$4 or circuits))                 | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/23<br>11:05 |
| S335 | 1   | (emulat\$3) near2 (VLAN or VPN)with (virtual near2 (connections or circuits))               | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/23<br>11:05 |
| S336 | 57  | (emulat\$3) same (VLAN or VPN)same (virtual near2 (connections or circuits))                | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/23<br>11:05 |
| S337 | 49  | S336 and (VLAN or VPN near2 (Id or tag or identifier))                                      | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/23<br>11:06 |
| S338 | 48  | S337 and (address or VPI or VCI)                                                            | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/23<br>11:07 |
| S339 | 27  | S337 and (address or VPI or VCI)with (ATM)                                                  | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/23<br>11:07 |
| S340 | 91  | (VLAN or VPN) with ((provider near2 edge) or PE)same (ATM)                                  | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2009/10/23<br>11:34 |

|      |      |                                                                          |                                                                |     |    |                     |
|------|------|--------------------------------------------------------------------------|----------------------------------------------------------------|-----|----|---------------------|
| S341 | 520  | ((JOHN) near2 (FISHER)).INV.                                             | US_PGPUB;<br>USPAT                                             | OR  | ON | 2010/01/16<br>22:14 |
| S342 | 6    | ((SHAY) near2 (NAHUM)).INV.                                              | US_PGPUB;<br>USPAT                                             | OR  | ON | 2010/01/16<br>22:15 |
| S343 | 28   | ((CARL) near2 (RAJSC)).INV.                                              | US_PGPUB;<br>USPAT                                             | OR  | ON | 2010/01/16<br>22:15 |
| S344 | 952  | (370/395.2).cols.                                                        | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR  | ON | 2010/01/16<br>22:29 |
| S345 | 1518 | (370/395.1).cols.                                                        | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ADJ | ON | 2010/01/16<br>22:29 |
| S346 | 8830 | (370/401).cols.                                                          | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR  | ON | 2010/01/16<br>22:29 |
| S347 | 528  | (370/395.53).cols.                                                       | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR  | ON | 2010/01/16<br>22:29 |
| S348 | 186  | (370/395.54).cols.                                                       | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2010/01/16<br>22:30 |
| S349 | 7    | S344 and(virtual near2 (circuit\$1 or connection \$1))with (VLAN or VPN) | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2010/01/16<br>22:31 |
| S350 | 19   | S345 and(virtual near2 (circuit\$1 or connection \$1))with (VLAN or VPN) | US_PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2010/01/16<br>22:36 |
| S351 | 988  | (370/395.21).cols.                                                       | US_PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR  | ON | 2010/01/16<br>22:39 |

|      |      |                                                                                                    |                                                    |    |    |                  |
|------|------|----------------------------------------------------------------------------------------------------|----------------------------------------------------|----|----|------------------|
| S352 | 9    | S351 and(virtual near2 (circuit\$1 or connection\$1))with (VLAN or VPN)                            | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/16 22:39 |
| S353 | 26   | (virtual near2 (circuit \$1 or connection\$1)) same (VLAN or VPN) same (ATM near2 (address or VC)) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/16 22:48 |
| S354 | 1436 | (virtual near2 (circuit \$1 or connection\$1)) with (VLAN or VPN)                                  | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/01/16 22:52 |
| S355 | 88   | S354 and (map\$4 or associat\$3 near2 (address or VPI or VCI))same (ATM)                           | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB  | OR | ON | 2010/01/16 22:52 |

1/16/2010 11:13:43 PM

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